

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Pre. Inv. GH
#58
10-14-03

In re Patent Application of

BARRETT et al.

Atty. Ref.: 124-872

Serial No. Unknown

Group:

Filed: July 11, 2001

Examiner:

For: IMPROVED METHOD OF PROCESSING DATA AND DATA PROCESSING
APPARATUS

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July 11, 2001

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

In order to place the above-identified application in better condition for examination,
please amend the application as follows:

IN THE CLAIMS

Please substitute the following amended claims for corresponding claims previously
presented. A copy of the amended claims showing current revisions is attached.

3. (Amended) A method according to claim 1 in which the equations comprise linear equations.
4. (Amended) A method according to claim 1 in which the variables correspond to points in an
image of a surface constructed from an array of data samples from different positions on the
surface.
5. (Amended) A method according to claim 1 in which each variable allocated to a bounded area
corresponds to the parameter to be sensed (e.g. surface temperature).

AM
cont.